**Minerals** (p. 748) – We will do this together.

**I. Mineral Characteristics**

 **1. Define the term mineral.**

 Mineral –

 **2. Identify the five characteristics of minerals.**

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **3. Match the mineral physical properties with the correct definitions.**

 1. \_\_\_\_\_\_\_\_ Appearance A. The way in which a mineral breaks.

 2. \_\_\_\_\_\_\_\_ Cleavage / Fracture B. How shiny or dull a mineral appears.

 3. \_\_\_\_\_\_\_\_ Hardness C. Strength of a mineral. Rated on a scale of 1 – 10.

 4. \_\_\_\_\_\_\_\_ Luster D. Color and overall look of a mineral.

 5. \_\_\_\_\_\_\_\_ Streak E. Powder created by a mineral when crushed.

**II. Crystals**

 **1. Define the term crystal.**

 Crystal –

 **2. Identify which type of crystals is produced from the following depths.**

 Deep below the surface : (Circle One) Small Crystals Large Crystals

 Closer to the surface : (Circle One) Small Crystals Large Crystals

 **3. Identify which type of crystals is produced from the following cooling rates.**

 Fast Cooling : (Circle One) Small Crystals Large Crystals

 Slow Cooling : (Circle One) Small Crystals Large Crystals